

# Work Order ID 59545

June 7, 2010 1:13:24 PM



Page 1

Item ID: D3297-3-0350

Accept



Setup Start



Revision ID:

Stop



Item Name: HOSE ASS'Y

Start Date: 6/07/10 Start Qty: 3.00



Cust Item ID:

Required Date: 6/14/10 Req'd Qty: 3.00



Customer:

Reference:

Run Start



Approvals: Process Plan: CY Date: 10/6/17 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

| Sequence ID/<br>Work Center ID | Operation<br>Description | Set Up/<br>Run Hours | Tool ID | Tool # | Plan<br>Code | Accept<br>Qty | Reject<br>Qty | Reject<br>Number | Insp.<br>Stamp |
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
|--------------------------------|--------------------------|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|

| Draw Nbr | Revision Nbr |
|----------|--------------|
| D3297    | Rev D        |

100 PURCHASING 0.00



Purchasing

Memo

0.00

Purchasing

Create D2729-1 label and include with W/O  
Issue P/O: 12034  
Hose Assembly as per Dwg D3297  
Possible Supplier: API  
Material release note is required

CY 10/6/17 3

110 Receive & Inspect for Damage & Mat'l Certs 0.00



Packaging

Memo

0.00

Packaging

Ensure Material Release Note is attached

Rec'd 10/29 (3)

| W/O: |      |  | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP |  | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |  |                    |    |      |     |                                     |                          |
|      |      |  |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      |  | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|--|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP |  | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |  |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |  |                                  |                             |                                 |                |                           |                       |                          |
|      |      |  |                                  |                             |                                 |                |                           |                       |                          |
|      |      |  |                                  |                             |                                 |                |                           |                       |                          |

NOTE: Date & initial all entries

# Work Order ID 59545

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Page 2

Item ID: D3297-3-0350

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Item Name: HOSE ASS'Y

Start Date: 6/07/10 Start Qty: 3.00



Cust Item ID:

Required Date: 6/14/10 Req'd Qty: 3.00



Customer:

Reference:

Run Start



Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

120

QC6- Inspect dimensions to drawing

0.00



QC

Memo

0.00

Quality Control

Suboles

(73)

130

Small Fab

0.00



Small Fab

Memo

0.00

Small Fab

Install D2729-1 as per Dwg D3297  
using D2182-045 Heat Shrink  
Batch: B21864B

6/10/06/28 (3)

140

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

Suboles

(73)

| W/O: |      |  | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP |  | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |  |                    |    |      |     |                                     |                          |
|      |      |  |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                                |                                 |                |                           |                       |                          |
|------|------|----------------------------------|--------------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action<br>Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng           | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                                |                                 |                |                           |                       |                          |
|      |      |                                  |                                |                                 |                |                           |                       |                          |
|      |      |                                  |                                |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

**Work Order ID 59545**

June 7, 2010 1:13:24 PM



Page 3

Item ID: D3297-3-0350

Accept



Setup Start



Revision ID:

Stop



Item Name: HOSE ASS'Y

Start Date: 6/07/10 Start Qty: 3.00



Cust Item ID:

Required Date: 6/14/10 Req'd Qty: 3.00



Customer:

Reference:

Run Start



Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

150

Identify as per dwg & Stock Location: 194

0.00



Packaging

Memo

0.00

Packaging

10/06/29 (3)

160

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/06/29 *[Signature]*10/06/29

| W/O: |      |  | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP |  | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |  |                    |    |      |     |                                     |                          |
|      |      |  |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      |  | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|--|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP |  | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |  |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |  |                                  |                             |                                 |                |                           |                       |                          |
|      |      |  |                                  |                             |                                 |                |                           |                       |                          |
|      |      |  |                                  |                             |                                 |                |                           |                       |                          |

NOTE: Date & initial all entries

# Picklist Print

June 7, 2010 1:13:24 PM

Page 1

Work Order ID: 59545



Parent Item: D3297-3-0350



Parent Item Name: HOSE ASS'Y



Start Date: 6/07/10

Required Date: 6/14/10

Comments: IPP: A 04.11.25 New issue KJ/RF

Start Qty: 3.00

Required Qty: 3.00

| Component Item ID/<br>Item Name  | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty | Qty<br>Issued | Date<br>Issued | Status |
|--|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| D2729-1<br> |                        | Manufactured  | No          |                     |                  | 100             | Each               | 0.0000         | 1           | 3            |               |                |        |
| Dart Logo label<br>156005-6D0121   | VS6005-6D0350          | Purchased     | No          |                     |                  | 110             | Each               | 0.0000         | 1           | 3            |               |                |        |
|             |                        |               |             |                     |                  |                 |                    |                |             |              |               |                |        |
| HOSE ASS'Y   |                        |               |             |                     |                  |                 |                    |                |             |              |               |                |        |

*EB 10/06/30*  
*P 1/4/28 (3)*

| W/O: |      |  | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP |  | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |  |                    |    |      |     |                                     |                          |
|      |      |  |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

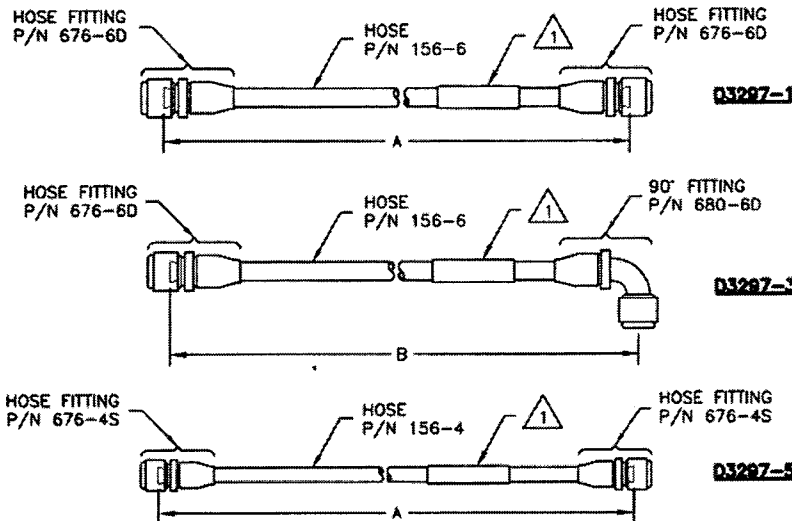
| NCR: |      |  | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|--|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP |  | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |  |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |  |                                  |                             |                                 |                |                           |                       |                          |
|      |      |  |                                  |                             |                                 |                |                           |                       |                          |
|      |      |  |                                  |                             |                                 |                |                           |                       |                          |

NOTE: Date & initial all entries



**DART**

|                  |               |   |                        |
|------------------|---------------|---|------------------------|
| DESIGN<br>#      | DRAWN BY<br># | DART AEROSPACE LTD<br>HAWKESBURY, ONTARIO, CANADA |                        |
| CHECKED<br>#     | APPROVED<br># | DRAWING NO.<br>D3297                              | REV. D<br>SHEET 1 OF 1 |
| DATE<br>05.01.21 |               | TITLE<br>HOSE ASSEMBLIES                          | SCALE<br>NTS           |
| A                | 04.07.06      | NEW ISSUE   |                        |
| B                | 04.11.01      | STRATOFLEX P/N WAS AEROQUIP P/N                   |                        |
| C                | 04.11.18      | T50 CORRECTED TO TSO                              |                        |
| D                | 05.01.21      | CORRECT STRATOFLEX P/N                            |                        |

**RELEASED**  
05.01.21

| HOSE SPECIFICATION |                |        |       |       |
|--------------------|----------------|--------|-------|-------|
| DART P/N           | STRATOFLEX P/N | VENDOR | A     | B     |
| D3297-1-0098       | 156001-6D0096  | API    | 9.75  |       |
| D3297-1-0130       | 156001-6D0130  | API    | 13.00 |       |
| D3297-1-0121       | 156001-6D0121  | API    | 12.13 |       |
| D3297-3-0085       | 156005-6D0085  | API    |       | 8.50  |
| D3297-3-0210       | 156005-6D0210  | API    |       | 21.00 |
| D3297-3-0350       | 156005-6D0350  | API    |       | 35.00 |
| D3297-5-0410       | 156001-4S0410  | API    | 41.00 |       |

D3297-1-XXXX HOSE ASSEMBLY } WHERE XXXX REPRESENTS  
D3297-3-XXXX HOSE ASSEMBLY } HOSE LENGTH IN TENTHS OF INCH  
D3297-5-XXXX HOSE ASSEMBLY }

EG: 12.125" LONG: D3297-1-0121  
41.00" LONG: D3297-5-0410  
8.50" LONG: D3297-3-0085

**NOTES:**

- 1) IDENTIFY WITH DART P/N & B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) HOSE ASSEMBLIES TO MEET THE REQUIREMENTS OF TSO-C53a TYPE "A"

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c210/617

W10: 59545

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries



## Certificate of Conformance

Customer API MONTREAL

Sales Order# 4500118082 PO# \_\_\_\_\_

Date 06/10/2010

| Part#          | Qty |
|----------------|-----|
| 156001-6D-0096 | 4   |
| 156001-6D-0121 | 3   |
| 156001-6D-0130 | 3   |
| 156005-6D-0085 | 4   |
| 156005-6D-0210 | 4   |
| 156005-6D-0350 | 3   |
|                |     |
|                |     |
|                |     |
|                |     |
|                |     |
|                |     |
|                |     |
|                |     |
|                |     |
|                |     |
|                |     |

We hereby certify that all the above parts, including all materials, have been manufactured, tested, inspected and packed in conformance with all of the requirements of your order and the applicable government specifications & standards. Records of tests, inspection and certification indicating the above conformance are on file at Aerospace Products International and are available for your examination.

It is further certified that on any hose assemblies marked with a TSO, parts and/or materials reflected therein were produced under Federal Aviation Administration approved manufacturing quality control systems/methods as set forth in the FAA issued technical standard order authorized (TSOA) issued to Stratoflex and (b) such parts and/or material are new and are in condition for safe operation.

If applicable, satisfactory compliance with the conditions and test required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.

For API



API  
2461 46th Ave.  
LACHINE QC H8T 3C9  
CANADA

06/22/2010 15:55:25

# Pack List



## Shipping Address

DART AEROSPACE LTD.  
1270 ABERDEEN STREET  
HAWKESBURY ON K6A 1K7  
CANADA

## Forwarding Agent's Address

## Shipping Instructions

Detailed Shipping Instructions at the  
end of the document

## Packing Instructions

Detailed Packing Instructions at the  
end of the document

## Information

|                     |                      |
|---------------------|----------------------|
| Document Number     | 80746367             |
| Document Date       | 06/17/2010           |
| Purchase Order No.  | PO12034              |
| Purchase Order Date | 06/10/2010           |
| Sales Order Number  | 663357               |
| Sales Order Date    | 06/10/2010           |
| Customer Number     | 6100481              |
| Shipping Conditions | FXPri 1D (Intl 1-3D) |
| Incoterms           |                      |
| Cust Ship Acct      |                      |
| Delivery Date       | 06/18/2010           |
| Bill of Lading      |                      |
| Total Volume        | 0.021 IN3            |
| Carrier             | PUROLATOR COURIER    |

| Item | Material                   | Material Description | Quantity | Weight | Batch Num |
|------|----------------------------|----------------------|----------|--------|-----------|
| 10   | 156001-6D-0096             | 156-6 HOSE ASSEMBLY  |          |        |           |
|      | Batches                    |                      |          |        |           |
|      | 0001397740 (PO:4500118082) | ✓ 4 EA               | 0 LB     |        |           |
| 20   | 156001-6D-0130             | 156-6 HOSE ASSEMBLY  |          |        |           |
|      | Batches                    |                      |          |        |           |
|      | 0001397744 (PO:4500118082) | ✓ 3 EA               | 0 LB     |        |           |
| 30   | 156001-6D-0121             | 156-6 HOSE ASSEMBLY  |          |        |           |
|      | Batches                    |                      |          |        |           |
|      | 0001397743 (PO:4500118082) | ✓ 3 EA               | 0 LB     |        |           |
| 40   | 156005-6D-0085             | 156-6 HOSE ASSEMBLY  |          |        |           |
|      | Batches                    |                      |          |        |           |
|      | 0001397745 (PO:4500118082) | ✓ 4 EA               | 0 LB     |        |           |
| 50   | 156005-6D-0210             | 156-6 HOSE ASSEMBLY  |          |        |           |
|      | Batches                    |                      |          |        |           |

*CO/6/25* *8 10/06/25* →



2461 46th Ave.  
LACHINE QC H8T 3C9  
CANADA

Page 2 of 2  
06/22/2010 15:55:25

# Pack List

**Shipping Address**

DART AEROSPACE LTD.  
1270 ABERDEEN STREET  
HAWKESBURY ON K6A 1K7  
CANADA

**Information**

Document Number: 80746367

| Item | Material                   | Material Description | Quantity | Weight | Batch Num |
|------|----------------------------|----------------------|----------|--------|-----------|
|      | 0001397746 (PO:4500118082) |                      | 4 EA     | 0 LB   |           |
| 60   | 156005-6D-0350             | 156-6 HOSE ASSEMBLY  |          |        |           |
|      | Batches                    |                      |          |        |           |
|      | 0001397747 (PO:4500118082) |                      | ✓ 3 EA   | 0 LB   |           |

S 10/06/25

**Shipping and Packing Instructions****\*\*CERTIFICATE OF CONFORMANCE\*\***

I hereby certify that the aircraft parts described hereon were acquired from a source of supply that is consistent with the conditions under which Transport Canada distributor approval number 77-98 has been granted.

Authorized Signature

RW

